

**TABLE S3**

Type	Probe	Gene
More variable in generic	ILMN_2927369	KRT82
More variable in generic	ILMN_1248780	SPRR2B
More variable in generic	ILMN_1255612	9430016C22RIK
More variable in generic	ILMN_2465182	XLR3B
More variable in generic	ILMN_1220648	A630014I05RIK
More variable in generic	ILMN_2441895	TYMS
More variable in generic	ILMN_1215680	SAMD3
More variable in generic	ILMN_2662283	2010007H12RIK
More variable in generic	ILMN_2730829	TMUB1
More variable in generic	ILMN_2534501	LOC380738
More variable in generic	ILMN_1229286	2410042D21RIK
More variable in generic	ILMN_2511527	9330133O14RIK
More variable in generic	ILMN_1228867	A130082M07RIK
More variable in generic	ILMN_3009928	4930524E20RIK
More variable in generic	ILMN_2870788	UPB1
More variable in generic	ILMN_2941062	SHROOM2
More variable in generic	ILMN_2444847	4930521G14RIK
More variable in generic	ILMN_2805419	OLFR885
More variable in generic	ILMN_2825562	CYBRD1
More variable in generic	ILMN_2456193	6446580_669
More variable in generic	ILMN_1225456	CHRNA7
More variable in generic	ILMN_2621217	5730508B09RIK
More variable in generic	ILMN_2495555	MAPK8IP2
More variable in generic	ILMN_2653725	LOC100046802
More variable in generic	ILMN_3161601	SNCA
More variable in generic	ILMN_2436890	DHRSX
More variable in generic	ILMN_1225663	LOC384162
More variable in generic	ILMN_1222683	OLFR1441
More variable in generic	ILMN_2691752	OTX2
More variable in generic	ILMN_2460292	8430427H17RIK
More variable in generic	ILMN_2706906	LOC100047937
More variable in generic	ILMN_2820893	SEPLG
More variable in generic	ILMN_1233075	ERCC2
More variable in generic	ILMN_2733594	D630004A14RIK
More variable in generic	ILMN_2768252	MYL7
More variable in generic	ILMN_1233191	5730422E09RIK
More variable in generic	ILMN_2935462	SCN2B
More variable in generic	ILMN_2541335	LOC384887
More variable in generic	ILMN_2626648	41522
More variable in generic	ILMN_2494532	NRG1
More variable in generic	ILMN_2682263	KLHL28
More variable in generic	ILMN_1378821	control_ILMN_1378821
More variable in generic	ILMN_1245775	FUT9
More variable in generic	ILMN_2752524	PAQR9
More variable in generic	ILMN_1234848	TRIM2
More variable in generic	ILMN_2564352	SDHA

More variable in generic	ILMN_1260478	HECW1
More variable in generic	ILMN_2620284	PHLDB1
More variable in generic	ILMN_2741169	CD8B1
More variable in generic	ILMN_2728928	FABP1
More variable in generic	ILMN_2690135	ACSL4
More variable in generic	ILMN_2530757	LOC210143
More variable in generic	ILMN_1223894	E530018B05RIK
More variable in generic	ILMN_2654541	MED19
More variable in generic	ILMN_2769762	CTNNA2
More variable in generic	ILMN_1378704	control_ILMN_1378704
More variable in generic	ILMN_1259595	AI595406
More variable in generic	ILMN_2635132	FOXP3
More variable in generic	ILMN_1250340	A630055A13RIK
More variable in generic	ILMN_2524263	ZFP251
More variable in generic	ILMN_2690574	FOXO3
More variable in generic	ILMN_1239070	MYO18B
More variable in generic	ILMN_2580818	D930042N17RIK
More variable in generic	ILMN_2697415	CD3D
More variable in generic	ILMN_1228620	ZFP583
More variable in generic	ILMN_2502290	TRIM71
More variable in generic	ILMN_2642321	CEACAM13
More variable in generic	ILMN_2661820	AGXT2L1
More variable in generic	ILMN_1244840	4833435K08RIK
More variable in generic	ILMN_1233941	UNCX
More variable in generic	ILMN_1233843	PTPN21
More variable in generic	ILMN_1224922	LRRN2
More variable in generic	ILMN_2737523	F2RL3
More variable in generic	ILMN_2637897	NLRX1
More variable in generic	ILMN_1254631	AI481316
More variable in generic	ILMN_2498330	LOC632997
More variable in generic	ILMN_2769330	CD6
More variable in generic	ILMN_2666330	OIT3
More variable in generic	ILMN_2527328	LOC381360
More variable in generic	ILMN_2883666	PIGN
More variable in generic	ILMN_1257579	NUP210
More variable in generic	ILMN_1235441	STK22S1
More variable in generic	ILMN_2769325	CD6
More variable in generic	ILMN_3006990	EG622339
More variable in generic	ILMN_1216552	CORO2B
More variable in generic	ILMN_2701383	ANKS3
More variable in generic	ILMN_1247936	OLFR571
More variable in generic	ILMN_2998230	GALNS
More variable in generic	ILMN_2610965	DAB2IP
More variable in generic	ILMN_1223081	LOC241962
More variable in generic	ILMN_2598271	ASB17
More variable in generic	ILMN_2979729	OLFR1287
More variable in generic	ILMN_1245710	CCL2
More variable in generic	ILMN_2705689	GGA2

More variable in generic	ILMN_1242912	POF1B
More variable in generic	ILMN_2445249	KRT36
More variable in generic	ILMN_1235485	LOC218501
More variable in generic	ILMN_2964420	LIPK
More variable in generic	ILMN_3104704	KLRA4
More variable in generic	ILMN_1246768	A830026B15RIK
More variable in generic	ILMN_2923717	KCNT1
More variable in generic	ILMN_2798167	BB287469
More variable in generic	ILMN_1246408	LOC100042427
More variable in generic	ILMN_2749437	RHOC
More variable in generic	ILMN_1243092	EG546980
More variable in GA	ILMN_1222230	MEPE
More variable in GA	ILMN_1237927	8430407G10RIK
More variable in GA	ILMN_1380391	control_ILMN_1380391
More variable in GA	ILMN_1222029	RTTN
More variable in GA	ILMN_1256073	PXDN
More variable in GA	ILMN_1221957	LOC637776
More variable in GA	ILMN_1257904	2810403A07RIK
More variable in GA	ILMN_1244123	SLC38A2
More variable in GA	ILMN_2529810	GPR113
More variable in GA	ILMN_1231281	LOC382900
More variable in GA	ILMN_2756771	GMFB
More variable in GA	ILMN_1260480	5033411B22RIK
More variable in GA	ILMN_1258114	A930014P08RIK
More variable in GA	ILMN_2524553	4930555L11RIK
More variable in GA	ILMN_2701797	MEN1
More variable in GA	ILMN_2499058	UBE2I
More variable in GA	ILMN_2759380	2310010M20RIK
More variable in GA	ILMN_1244585	RAP1GAP
More variable in GA	ILMN_2666205	DPP10
More variable in GA	ILMN_1240784	LOC384938
More variable in GA	1770446	1770446
More variable in GA	ILMN_1252393	LOC635340
More variable in GA	ILMN_2700224	KTN1
More variable in GA	ILMN_1217225	CCDC91